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PATENT  
Attorney Docket No.: 02307Z-137500US  
Client Reference No.: 2003-465-1

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On

July 15, 2003

TOWNSEND and TOWNSEND and CREW LLP

By:

Mark T. Davis

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Guodong Zhan, Joshua D. Kuntz  
and Amiya K. Mukherjee

Application No.: 10/606,941

Filed: June 26, 2003

For: ANISOTROPIC THERMAL  
APPLICATIONS OF COMPOSITES OF  
CERAMICS AND CARBON  
NANOTUBES

Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

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Mukherjee  
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representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



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SF 1474382 v1



PTO/SB/08B (04-03)

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Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 1 of

## Complete If Known

Application Number	10/606,941
Filing Date	June 26, 2003
First Named Inventor	Zhan, Guodong, et. al.
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	023077-137500US

## U.S. PATENT DOCUMENTS

Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-4,565,747	01-21-1986	Nakae et al.	
	AB	US-4,756,976	07-12-1988	Komeya et al.	
	AC	US-4,889,548	12-26-1989	Kriegesmann et al.	
	AD	US-5,837,406	06-10-1997	Asai et al.	
	AE	US-5,955,148	09-21-1999	Shimoda et al.	
	AF	US-5,991,155	11-23-1999	Kobayashi et al.	
	AG	US-6,231,998 B1	05-15-2001	Bowker et al.	
	AH	US-6,355,332 B1	03-12-2002	Kobayashi	
	AI	US-2002/0081396 A1	05-23-2002	White	
	AJ	US-2002/0124932 A1	09-12-2002	Blain et al.	
	AK	US-6,465,561 B1	10-15-2002	Yarbrough et al.	
	AL	US-6,496,726 B2	12-24-2002	Fuller et al.	

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AM		Karlsson et al., "The effect of the thermal barrier coating on the displacement instability in thermal barrier systems", <i>Acta Materialia</i> 50: 1211-1218 (2002).	
AN		Sherafat et al., "Development of composite thermal barrier coatings with anisotropic microstructure", <i>Vacuum</i> 59: 185-193 (2000).	
AO		"Research Programs in Materials Reliability Division: Physical Properties of Thin Films and Nanostructures" <a href="http://www.boulder.nist.gov/div853/Program5_physprop.htm">http://www.boulder.nist.gov/div853/Program5_physprop.htm</a> .	

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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